

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 September 2005 (09.09.2005)

PCT

(10) International Publication Number
WO 2005/084037 A2

- (51) International Patent Classification⁷: **H04N 7/62**
- (21) International Application Number:
PCT/US2005/006252
- (22) International Filing Date: 25 February 2005 (25.02.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/548,145 26 February 2004 (26.02.2004) US
- (71) Applicant (for all designated States except US): **THOMSON LICENSING S.A.** [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **SIRILLA, George, Andrew** [US/US]; 6720 Valley Forge Lane, Indianapolis, IN 46237 (US). **PITSCH, Robert, Alan** [US/US]; 246 Boulder Court, Carmel, IN 46032 (US).
- (74) Agents: **TRIPOLI, Joseph, S.** et al.; c/o Thomson Licensing Inc., 2 Independence Way, Suite 200, Princeton, NJ 08540 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

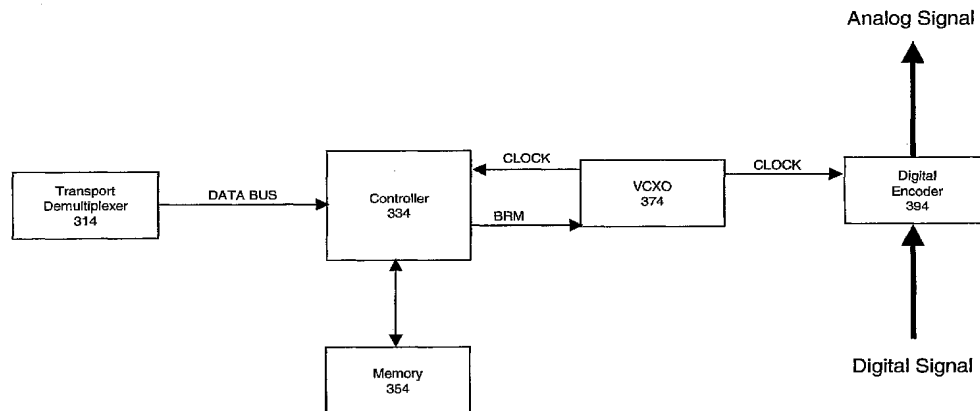
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND APPARATUS FOR SETTING A VOLTAGE CONTROLLED CRYSTAL OSCILLATOR IN A VIDEO PROCESSING DEVICE



(57) Abstract: The present invention concerns a method and apparatus for setting a frequency reference in an integrated receiver decoder (IRD). More specifically, the present invention discloses an electrical circuit arrangement in which the voltage controlled crystal oscillator (VCXO) is set to oscillate at the desired frequency prior to the initial use thereof and that frequency is stored in a non-volatile memory unit. Upon initial use, the IRD receives a data signal corresponding to a frequency reference. The IRD uses a threshold value to compare the frequency reference of the incoming data signal with the frequency stored in the non-volatile memory. If the frequencies differ by a predetermined value, the frequency from the incoming data signal is stored in the non-volatile memory and is used to set the VCXO.

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